

REMARKS

Claims 1-18 and 20-24 are pending in this application. By this Amendment, Applicants AMEND the specification and claims 1, 9, 17, 18, and 23 and CANCEL 19.

Applicants greatly appreciate the Examiner's indication that claims 5, 6, 13, 14, and 19 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants have amended claim 17 based upon the Examiner's statement of reasons for the indication of allowable subject matter in paragraph no. 14 on page 8 of the Office Action to incorporate the features of claim 19.

The drawings were objected to for failing to designate Figs. 8, 18, and 30 as --Prior Art--. Applicants have amended Figs. 8, 18, and 30 in the accompanying Request for Approval of Proposed Drawing Corrections to properly be designated as --Prior Art--.

The drawings were objected to for using reference number "36j" in Figs. 13 and 14. The Examiner indicated that "13j" was the repeated reference number. However, the Examiner clearly meant reference number "36j" because there is not a reference number "13j" in either Fig. 13 or Fig. 14. Applicants have amended Fig. 13 by replacing "36j" with --36i--.

The drawings were objected to for using reference number 1 for the surface acoustic wave device and for the cover material. Applicants have amended the specification to correct this minor informality noted by the Examiner.

Accordingly, Applicants respectfully request reconsideration and withdrawal of the objection to the drawings.

The Specification was objected to for containing minor informalities. Applicants greatly appreciate the Examiner's careful consideration and review of the Specification. Applicants have amended page 12 to correct the minor informalities noted by the Examiner. Accordingly, Applicants respectfully request reconsideration and withdrawal of the objection to the Specification.

The Examiner has rejected claim 23 under 35 U.S.C. §112, second paragraph for allegedly being indefinite. Applicants have amended claim 23 to correct the minor informality noted by the Examiner. Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejection of claim 23 under 35 U.S.C. §112, second paragraph.

Claims 1-4, 7-12, 15 and 16 were rejected under 35 USC § 102(b) as being anticipated by Ueda et al. (U.S. Patent No. 5,874,869). Claims 17, 20, 21, and 24 were rejected under 35 USC § 102(b) as being anticipated by Xu et al. (U.S. Patent No. 5,821,834). Claims 18 and 22 were rejected under 35 USC § 103(a) as being unpatentable over Xu et al. Applicants respectfully traverse the rejections of claims 1-4, 7-12, 15-18, and 20-24.

Claim 1 has been amended to recite:

"A surface acoustic wave device comprising:  
a piezoelectric substrate;  
at least one IDT disposed on the piezoelectric substrate;  
an input end and an output end connected to the IDT, at least one  
of the input end and the output end including a pair of balanced signal  
terminals; and  
**a delay line and a reactance component connected to one of  
the pair of balanced signal terminals.**" (emphasis added)

Applicants' claim 1 recites the feature of "a delay line and a reactance component connected to one of the pair of balanced signal terminals." Applicants' claim 9 recites similar features as Applicants' claim 1. With the improved features of claims 1 and 9, Applicants have been able to provide a surface acoustic wave device where the balance between a pair of balanced signal terminals is greatly improved (see, for example, the first full paragraph on page 3 of the Specification).

Applicants agree with the Examiner that Ueda et al. shows a surface acoustic wave device. The Examiner has alleged that the bonding wires **222** and **223** inherently provide an inductive reactance component. However, Ueda et al. clearly fails to show a surface acoustic wave device with "a delay line **and** a reactance component connected

to one of the pair of balanced signal terminals" (emphasis added) as recited in Applicants' claim 1 and similarly in Applicants' claim 9. Particularly, Ueda et al. clearly fails to teach or suggest a delay line connected to one of the pair of balanced signal terminals in addition to a reactance component.

Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejection of claims 1 and 9 under 35 U.S.C. §102(b) as being anticipated by Ueda et al.

As noted above, Applicants have amended claim 17 to recite the features that the Examiner indicated as allowable in paragraph no. 14 on page 8 of the Office Action.

Accordingly, Applicants respectfully submit that Ueda et al. and Xu et al., applied alone or in combination, fail to teach or suggest the unique combination and arrangement of elements recited in claims 1, 9, and 17 of the present application. Claims 2-8 depend upon claim 1, and are therefore allowable for at least the reasons that claim 1 is allowable. Claims 10-16 depend upon claim 9, and are therefore allowable for at least the reasons that claim 9 is allowable. Claims 18 and 20-24 depend upon claim 17, and are therefore allowable for at least the reasons that claim 17 is allowable.

In view of the foregoing amendments and remarks, Applicants respectfully submit that this application is in condition for allowance. Favorable consideration and prompt allowance are solicited.

To the extent necessary, Applicants petition the Commissioner for a TWO-month extension of time, extending to March 4, 2003, the period for response to the Office Action dated October 4, 2002.

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The Commissioner is authorized to charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1353.

Respectfully submitted,

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